



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2173

| | | | | |
|-----------------------------|---------------------------------------|--------------|------------------------|----------------------------------|
| SERIAL NUMBER 10/693,763 | FILING DATE 10/24/2003 RULE | CLASS 607 | GROUP ART UNIT 3766 | ATTORNEY DOCKET NO. P-8237.00 |
|-----------------------------|---------------------------------------|--------------|------------------------|----------------------------------|

APPLICANTS

Paul J. DeGroot, Brooklyn Park, MN;

Paul A. Belk, Maple Grove, MN;

** CONTINUING DATA *****

This appln claims benefit of 60/430,797 12/03/2002

SA 3/31/06

** FOREIGN APPLICATIONS *****

SA 3/31/06

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 01/24/2004

| | | | | |
|---|---|-------------------------|-----------------------|----------------------------|
| Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | STATE OR COUNTRY MN | SHEETS DRAWING 11 | TOTAL CLAIMS 32 | INDEPENDENT CLAIMS 3 |
| 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance | Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials <i>[Initials]</i> | | | |

ADDRESS

27581
MEDTRONIC, INC.
710 MEDTRONIC PARK
MINNEAPOLIS, MN
55432-9924

TITLE

Slow rise defibrillation waveforms to minimize stored energy for a pulse modulated circuit and maximize charge transfer to myocardial membrane

| | | |
|------------------------------------|---|---|
| FILING FEE RECEIVED 1116 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit |
|------------------------------------|---|---|